









Db	3955	GATGCCCAATTTCGATGGAACTTGCAGAGTCAAGAACGGCTTGCAGGTC 4014
Qy	3601	GCATCCGGTTTGTGCGAGTCAGAACAGCTCTCTGTGTTAGTGTACT 3660
Db	4015	GCATCCGGTTTGTGCGAGTCAGAACAGCTCTCTGTGTTAGTGTACT 4074
Qy	3661	CATACTAGTGCCTTTGTACAGGAGAAATGCTTAACCTGTGAAAAAAATGTC 3720
Db	4075	CATACTAGTGCCTTTGTACAGGAGAAATGCTTAACCTGTG-AAAAATGTC 4133
Qy	3721	CCCCATTTGTAATTCATTAAGGAGTTATACTGTTGAGTGTGACTGACGG 3780
Db	4134	CCCCATTTGTAATTCATTAAGGAGTTATACTGTTGAGTGTGACTGACGG 4193
Qy	3781	CGAGAAATGGTTTGCGGTTTAAGTGTAAACCTACTCTCTGTTAC 3840
Db	4194	CGAGAAATGGTTTGCGGTTTAAGTGTAAACCTACTCTCTGTTAC 4253
Qy	3841	TAAACTCTAGATTGATGTGTGTTACCTACTCTTGAAGTCACACGGAGATTAC 3896
Db	4254	TAAACTCTAGATTGATGTGTGTTACCTACTCTTGAAGTCACACGGAGATTAC 4309
RESULT 3		
US-10-437-963-40889		
; Sequence 40889, Application US/10437963		
; Publication No. US20040123343A1		
; GENERAL INFORMATION:		
; APPLICANT: La Rosa, Thomas J.		
; APPLICANT: Kovalic, David K.		
; APPLICANT: Zhou, Yihua		
; APPLICANT: Cao, Yongwei		
; APPLICANT: Wu, Wei		
; APPLICANT: Boukharov, Andrey A.		
; APPLICANT: Barbezuk, Brad		
; APPLICANT: Li, Ping		
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated with Plant Improvement		
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement		
; FILE REFERENCE: 38-21(5322).B		
; CURRENT APPLICATION NUMBER: US/10/437,963		
; CURRENT FILING DATE: 2003-05-14		
; NUMBER OF SEQ ID NOS: 204966		
; SEQ ID NO: 40889		
; LENGTH: 4640		
; TYPE: DNA		
; ORGANISM: Oryza sativa		
; FEATURE:		
; OTHER INFORMATION: Clone ID: PAT_MRT4530_44288C.1		
; OTHER INFORMATION: US-10-437-963-40889		
Query Match 94.8%; Score 3693.4; DB 7; Length 4640;		
Best Local Similarity 99.9%; Pred. No. 0; Mismatches 1; Indels 0; Gaps 0;		
Matches 3694; Conservative 0; Mismatches 1; Indels 0; Gaps 0;		
Qy	202	TGGGCTGCTGTTGATTCCTCCTGCTGTTGATGATATGGAGATTGTCAGTAGAT 261
Db	946	TGGCCTGCTGTTGATTCCTCCTGCTGTTGATGATATGGAGATTGTCAGTAGAT 1005
Qy	262	CAGGAGGAGCTGCTGTTGTTGGGAGGAACCTGATGCTGCTGGAACCTGGTCT 321
Db	1006	CAGGAGGAGCTGCTGTTGTTGGGAGGAACCTGATGCTGCTGGAACCTGGTCT 1065
Qy	322	GTAAGCCCACTGTTGAGCTGCTGAGCTGCTCAGATGCAAGCTGAGCTGGT 381
Db	1066	GTAAGCCCACTGTTGAGCTGCTCAGATGCAAGCTGAGCTGGT 1125
Qy	382	GTAGACGAAACGGCACACACCAATGCGAGCAATTCTCCATAGGAGGTATGTTGCTCTT 441
Db	1126	GTAGACGAAACGGCACACACCAATGCGAGCAATTCTCCATAGGAGGTATGTTGCTCTT 1185
Qy	442	CTTCAGAAGGAGGATCCAAAATCTGCTCTATCTGGATTTCCATGACCAAGAAA 501

Db	1186	CTTCAGAAGGGATCCAATTCTCTCTTATCTGGATTTCCATGACAGAAAAA	1245	Qy	1582	TCACTCACTATGACTGGCTGATGGAAAAGAAAGAACTGGAGCTGATCACACA	1641
Qy	502	TGTGTGAAACACAAGCTTCAAGCCATTTCCTGAGAAAGTTTCGAGATGGAT	561	Db	2326	TCACTCACTATGACTGGCTGATGGAAAAGAAAGAACTGGAGCTGATCACACA	2385
Db	1246	TGTGTGAAACACAAGCTTCAAGCCATTTCCTGAGAAAGTTTCGAGATGGAT	1305	Qy	1642	GTTGCTCATCCAGCTGGGAATTGTAGGACAAAAGTGACACCCATCGGAGTACTCAG	1701
Qy	562	TGTCGAAGTCTTGATAAATTGAAACCTCTGATAATGGAAACGACCAAGACTCTT	621	Db	2386	GTTGCTCATCCAGCTGGCAACCCATCGGAGTACTCAG	2445
Db	1306	TGTCGAAGTCTTGATAAATTGAAACCTCTGATAATGGAAACGACCAAGACTCTT	1365	Qy	1702	CATGATGATGAGATGATGACTGAAAATGTCCTGACACAAATATGCAATAGATGTC	1761
Qy	622	CCCGAAAGCAGAATGGCACAGTGTGGTCTCATCAATTGTTGAGGACTTTT	681	Db	2446	CATGATGATGAGATGACTGAAAATGTCCTGACACAAATATGCAATAGATGTC	2505
Db	1366	CCCGAAAGCAGAATGGCACAGTGTGGTCTCATCAATTGTTGAGGACTTTT	1425	Qy	1762	TGTCAGGATGATGATCAGAAATCTCCACAGAGGTTGCTCATCAAGGGAAAACAGGGGT	1821
Qy	682	GTGCCCTGCTACTGTGTTCCAAAAGTGGCACAGACAATCTCAAGGAAAG	741	Db	2506	TGTCAGGATGATGATCAGAAATCTCCACAGAGGTTGCTCATCAAGGGAAAACAGGGGT	2565
Db	1426	GTGCCCTGCTAGTGTGTTCCAAAAGTGTGCTCTAGCACACATCTCAAGGAAAG	1485	Qy	1822	TTAGTAGGGAAACACATTCACTTCAAGCTTCAAGGACACAGAA	1881
Qy	742	ATGCTGATGATCATACTCTCAAAAGTGTGCTGCAAGGCGAAATGCTCCAAATGCAAT	801	Db	2566	TTAGTAGGGAAACACATTCACTTCAAGCTTCAAGGACACAGAA	2625
Db	1486	ATGCTGATGATCATACTCTCAAAAGTGTGCTGCAAGGCGAAATGCTCCAAATGCAAT	1545	Qy	1882	AATGGTCAAGAACATACTACATGAGATGATCAGTCAATGCGAGAGATCAATGCAAT	1941
Qy	802	CGGCCCTCTGGCAAGATGGACTGCTGAGGCCAAATACTGATTCACCAATGAAAGATTG	861	Db	2626	AATGGTCAAGAACATACTACATGAGATGATCAGTCAATGCGAGAGATCAATGCGAGA	2685
Db	1546	CGGCCCTCTGGCAAGATGGACTGCTGAGGCCAAATACTGATTCACCAATGAAAGATTG	1605	Qy	1942	TCTGTTCTGAGTCACTGGCCAAAGCTTCTCCACCTGAGCATGATGATTCACAAATTATGTCCT	2001
Qy	862	CAAGGGCAGCCCCAAATTATGATGTGGAGCAAACTTCTGT	921	Db	2686	TCTGTTCTGAGTCACTGGCCAAAGTTCTCCACCTGAGCATGATGATTCACAAATTATGTCCT	2745
Db	1606	CAAGGGCAGCCCCAAATTATGATGTGGAGCAAACTTCTGT	1665	Qy	2002	GACCTTCATGAGGAGAGCTTACCAAGAAGAAAAGAGCAGAA	2061
Qy	922	CATGTTGGGCTTACTCTGAGATGGCCAAATACTGTGTTACCAATGAAAGATTG	981	Db	2746	GACCTTCATGAGGAGAGCTTACCAAGAAGAAAAGAGCAGAA	2805
Db	1666	CATGTTGGGCTTACTCTGAGATGGCCAAATACTGTGTTACCAATGAAAGATTG	1725	Qy	2062	GAAGAACAGACCATGATAGTGAATCCCCTGAGATATGTTGAGCTGTTGAGTAAAGAAC	2121
Qy	982	CATCAACCTCATCCACTCCAAACCTTCTGAGTGTGCTCTCAAAAGAAAGATGAA	1041	Db	2806	GAAGAACAGACCATGATGATGCACTCCCATGATGATGTTGAGACTGTTGAGTGTGAA	2865
Db	1726	GATCAACCTCATCCACTCCAAACCTTCTGAGTGTGCTCTCAAAAGAAAGATGAA	1785	Qy	2122	CAGCATGAGGGAGGCTTATGACTGAGCTTATGTCATGAGCTTATGATGATGTCATCC	2181
Qy	1042	ATGGAAAACCTGAAGGACTCTTGTGCTGAGCTGAAATGTCCTCAAC	1101	Db	2866	CAGCATGAGGGAGCTTATGACTGAGCTTATGACTGAGCTGTTGAGTGTGAA	2925
Db	1786	ATGGAAAACCTGAAGGACTCTTGTGCTGAGCTGAAATGTCCTCAAC	1845	Qy	2182	AAGACAACCTGCTGATGATGATTGTCATGAGCTTATGTCATGAGCTTATGATGTCATCC	2241
Qy	1102	CCATGTTGGAAAGGAAAGCTGATGATGCTGAGCTGAAATTGCAAAAGATGTCG	1161	Db	2926	AAGACAACCTGCTGATGATGATTGTCATGAGCTTATGTCATGAGCTTATGATGTCATCC	2985
Db	1846	CCATGTTGTGAAAGGAAAGCTGATGCTGAGCTGAAATTGCAAAAGATTCG	1905	Qy	2242	TCAAGTGTGTTGACACTAACTCCAAAGTACAGAAGGCTTGGCATCCAAAGAAG	2301
Qy	1162	AAACCACTGTCTGGCAAAATCTGAGGAGATCTGCAATTGCAAAAGATTCG	1221	Db	2986	TCAAGTGTGTTGACACTAACTCCAAACAAAGTCTGGCATCCAAAGAAG	3045
Db	1906	AAACCACTGTCTGGCAAAATCTGAGGAGATCTGCAATTGCAAAAGATTCG	1965	Qy	2302	GAGTTCAGGTCAATTGGATTGACACAAAGCTGCTCACATCTCGAACCTTCAG	2361
Qy	1222	CTCAAAAGAAGCTCAAAATCTAACAGGAGAGCGATAGAAACTTGTGAGAAAGCAG	1281	Db	3046	GAGTTCAGGTCAATTGGATTGACACAAAGCTGCTCACATCTCGAACCTTCAG	3105
Db	1966	CTCAAAAGAAGCTCAAAATCTAACAGGAGAGCGATAGAAACTTGTGAGAAAGCAG	2025	Qy	2362	TCTACTCAGAAACAGAGACATTTGGATGGAGAAATGGTCACTATGTCGAAAGC	2421
Qy	1282	CAACAGAAGCTGCAAAATCTGAGGAGATCTGCAATTGCAAAAGATTCG	1341	Db	3106	TCTACTCAGAAACAGAGACATTTGGATGGAGAAATGGTCACTATGTCGAAAGC	3165
Db	2026	CAACAGAAGCTGCAAAATCTAACAGGAGAGCGATAGAAACTTGTGAGAAAG	2085	Qy	2422	TCACCACTATTTCACATCATGATGATCAGTAACTGTCGAGGACCAAATGTCGAAACTTGG	2481
Qy	1342	CCAAAAGAGTGGGGCTCTATGAAATTATAATGCTAACAGGTTGAGGATTGTCAGA	1401	Db	3166	TCACCACTATTTCACATCATGATGATGTCGAGGACCAAATGTCGAAACTTGG	3225
Db	2086	CCAAAAGAGTGGGGCTCTATGAAATTATAATGCTAACAGGTTGAGGATTGTCAGA	2145	Qy	2482	GGCCCTTAAGACGCAAGAGCTAACCTCCGCTAACATTAGACCTGGTCAATTGTC	2541
Qy	1402	AGTGCAGAAGCTCATCTGTAATGCCCCTGATCCCTGAGGAGTATGAAAGTACCATC	1461	Db	3226	GGCCCTTAAGACGCAAGAGCTAACCTCCGCTAACATTAGACCTGGTCAATTGTC	3285
Db	2146	AGTGCAGAAGCTCATCTGTAATGCCCCTGATCCCTGAGGAGTATGAAAGTACCATC	2205	Qy	2542	CCAGZGCAACATGTTGTCATCCAGGACTTGAATTGAGCTGTCATCCAGGACTT	2601
Qy	1462	CCGGTCCCAGTGGAAACTAGCATGGATATTCCGTTAGACCTACAGTGGAGAACAT	1521	Db	3286	CCAGZGCAACATGTTGTCATCCAGGACTTGAATTGAGCTGTCATCCAGGACTT	3345
Db	2206	CCGGTCCCAGTGGAGTAACTGATGTCATCCGTTAGACCTACAGTGGAGAACAT	2265	Qy	2602	ACTCATGTCATGGGATCTCCAGAAATTATCCTGTCATCCAGGACTTGAATTGTC	2661
Qy	1522	GGTTAAATCAGTAAAGCAGACAAACGCAAAAGCAGAACTGAGTGTGAGTATGATGCA	1581	Db	3346	ACTCATGTCATGGGATCTCCAGGACTTGAATTGAGCTGTCATCCAGGACTT	3405
Db	2266	GGCTTAAATCAGTAAAGCAGACAAACGCAAAAGCAGAACTGAGTGTGAGTATGATGCA	2325				



5927	ATGTAAGGCCCTTCAATTCTTAAGGATTATTAAAGGTATGAAATAACTATGT	5986	Db	7007	ATATGGTGTGAAAGCACCGAAAATGGTGTGAAACATACATGTACTCAGCCAGAAGATCA	7006
855	-	-	Qy	1920	ATGCCAGATGGAAACCGAAAACCTGTGACTCTGAC	-
5987	TGTGTGATTTCCTCGATTGCGANGGCCAAAATTATGATGTTGCGAACAAATGT	899	Db	7067	ATGCCAGATGGAAACCGAAAACCTGTGACTCTGAC	7126
900	CCTCGAGGACAACTCTGTGACTGTTGGCGCTTACCTCGAAGTCCCGATTACATG	959	Qy	1964	-	-
6047	CTCTCGAGGACAACTCTGTGACTGTTGGCGCTTACCTCGAAGTCCCGATTACATG	6106	Db	7127	AATCATGAGGAATTTCGTTTAAATTGACTGAATCAACATTATCTGTGAAAGGAA	7186
960	GCACATAGAAGCTTAATGGTGGAGATAACCTCAAAACTTGAAAGGACTCTGGTGAAGTGT	1019	Qy	1964	-	-
6107	GCACATAGAAGCTTAATGGTGGAGATAACCTCAAAACTTGAAAGGACTCTGGTGAAGTGT	6166	Db	7187	TAATATGGTCATAACATGTTAAGAATAATGATACATGTTTATATGCTTTCC	7246
1020	CCTCAAAAAGAAATGAAAGTGGAAATGAAAGGACTCTGGTGGCTGAGCGATG	1079	Qy	1964	-	-
6167	CCTCAAAAAGAAATGAAAGTGGAAATGAAAGGACTCTGGTGGCTGAGCGATG	6226	Db	7247	ACTGTTCTCTTTACTATGTTGATGAACTCTTGTGTCATGTGGATGT	7306
1080	CAATTGACCAAGATCCTAACCAAGTCTGGAAAGGACTGTCAGGTGCTGAGCA	1139	Qy	1964	-	-
6227	CAATTGACCAAGATCCTAACCAAGTCTGGAAAGTCACTTCATGAGCTGAGCGCA	6286	Db	7307	GTGTGTGTGTGTGTGCGCGTGTGCACTGTTGCTGGGGCAATTATTCTTTTT	7366
1140	GTGCAATTGGCAAAAGATCCAAAGATCCAAACCGTGTGCTGGCAAGGAGATCTGCAA	1199	Qy	1964	-	-
6287	GTGCAATTGGCAAAAGATCCAAACCGTGTGCTGGCAAGGAGATCTGCAA	6346	Db	7367	AGACTCATATTATAGTGGATGACTGAACTTCTTCATCTCAGCTTT	7426
1200	TGAGCCATTGAAAGAAGTCTCTCAAAAGAAGCTCAAACTCTAAGGAGACGGATAA	1259	Qy	1970	CTCCAGCTGAGCATATCCAAATTATGCTGACCTTCATGAGCAGACTACCAAGA	2029
6347	TGAGCCATTGAAAGAAGTCTCTCAAAAGAAGCTCAAACTCTAAGGAGACGGATAA	6406	Db	7427	CTCCAGCTGAGCATATCCAAATTATGCTGACCTTCATGAGCAGACTACCAAGA	7486
1260	GAAGTGTGAGAAGAGGACACAGAACCTGGCAAGTGGTGTGTTTCA	1319	Qy	2030	AGAAAAGAGGAAAACCTGAAAGTGAAGTGAACCTGATGAACTGATGCTCC	2089
6407	GAAGTGTGAGAAGAGGACACAGAACCTGGCAAGTGGTGTGTTTCA	6466	Db	7487	AGAAAAGAGGAAAACCTGAAAGTGAACCTGATGAACTGATGCTCC	7546
1320	TGCAAACGCTTCTGGAAAAACCCAAAGGCTTCTCAAAAGAGCTCTCA	1379	Qy	2090	CCATCGATAATTGTCGAACCTGCTAGCTAAACCGATGAGGGCACTTGTACTGAGA	2149
6467	TGCAAACGCTTCTGGAAAAACCCAAAGGCTTCTCAAAAGAGCTCTCA	6526	Db	7547	CCATCGATAATTGTCGAACCTGCTAGCTAAACCGATGAGGGCTTATGACTGAGA	7606
1380	TAACCAAGGTTGAGGATTCTGAAAGTGGAACTCATGTTGAAATGCGCTGATCCCTG	1439	Qy	2150	CTGATTGTTCTGACATCAACCGTATTCAATCCAAAGCAACCTGCTGATGATTGCTGAA	2209
6527	TAACCAAGGTTGAGGATTCTGAAAGTGGAACTCATGTTGAAATGCGCTGATCCCTG	6586	Db	7607	CTGATTGTTCTGACATCAACCGTATTCAATCCAAAGCAACCTGCTGATGATTGCTGAA	7666
1440	TGAGGTGATGAGAAGTACCACTGGTCCGATGGAACTAAGATGGTATTCCTGTAG	1499	Qy	2210	TAGTACTGCCAAAGGTGGTTCAGATTGATCAAGTGTGTTGACACTATTCCGAC	2269
6587	TGAGGTGATGAGAAGTACCACTGGTCCGATGGAACTAAGATGGTATTCCTGTAG	6646	Db	7667	TAGTACTGCCAAAGGTGGTTCAGATTGATCAAGTGTGTTGACACTATTCCGAC	7726
1500	CAACCCATACATGGCAAGGAGATGGTTAAATCAAGTAAAGAACCGAAATA	1559	Qy	2270	AGAACTCTTGGCATCCAAAGTACAGAGGGTCACTACGGGTCAATTGGCTTGGACCA	2329
6547	CAACCCATACATGGCAAGGAGATGGTTAAATCAAGTAAAGAACCGAAATA	6706	Db	7727	AGAACTCTTGGCATCCAAAGTACAGAGGGTCACTACGGGTCAATTGGCTTGGACCA	7786
1560	CCTGTGATTGTTGATGATGATCATCACTATGAAACTCTGGCTGAATGGAAAGAAG	1619	Qy	2330	CACAAAGACTTCACATCTGCTAGAACTCTGCTACTCAGAAACAGAGACAACTTCTG	2389
6707	CCTGTGATTGTTGATGATGATCATCACTATGAAACTCTGGCTGAATGGAAAGAAG	6766	Db	7787	CACAAAGACTTCACATCTGCTAGAACTCTGCTACTCAGAAACAGAGACAACTTCTG	7846
1620	AACTGGGAAGTGTGATCACAACTGTGCTATCCAGCTGGAAATTGGCAACAAAAGT	1679	Qy	2390	GGATGGAGAATGGTCAACTATTCTGCTCAAGTCAACACTATTCTGCTCAAGTCA	2449
6767	AACTGGGAAGTGTGATCACAACTGTGCTATCCAGCTGGAAATTGGCAACAAAAGT	6826	Db	7847	GGATGGAGAATGGTCAACTATTCTGCTCAAGTCAACACTATTCTGCTCAAGTCA	7906
1680	GACACCCACTGCGAAGTACTCGCATGATGATGAACTGAAATTGCTTGTGAC	1739	Qy	2450	AGTATATTGCTGAAGGACCAACTGAACTTGGGGCCSTAAGGACGCAAAGAACCT	2509
6827	GACACCCACTGCGAAGTACTCGCATGATGATGAACTGAAATTGCTTGTGAC	6886	Db	7907	AGTATATTGCTGAAGGACCAACTGAACTTGGGGCCSTAAGGACGCAAAGAACCT	7956
1740	AATATGATTAAGAACAGATGTTGATGATGATGAACTCTCCACAAAGAGGTGCTC	1799	Qy	2510	GGGAGCAATTTAAGGCAACTACAGAAATTCTCGTCAAGGAACTATGTTGCTCAATT	2569
6887	AATATGATTAAGAACAGATGTTGATGATGATGAACTCTCCACAAAGAGGTGCTC	6946	Db	7967	GGGAGCAATTTAAGGCAACTACAGAAATTCTCGTCAAGGAACTATGTTGCTCAATT	8025
1800	ATCAAAGGGAAAACAGGGGTTGAGAAGGGAAAACACATCACTGGCTAGTACCA	1859	Qy	2570	GGCTGGTGTGTTGACTCATGTTGCTCAAGGAACTATGTTGCTCAATT	8086
6947	ATCAAAGGGAAAACAGGGGTTGAGAAGGGAAAACACATCACTGGCTAGTACCA	7006	Db	8027	GGCTGGTGTGTTGACTCATGTTGCTCAAGGAACTATGTTGCTCAATT	8086
1860	ATATGGTGTGAAAGGACCAAGGCAAGGCAAGGCTGAAAGCAGCGGTAAACC	1919	Qy	2630	ATGCACTCTGGCCAAACAGTAATTGGCCACTGGCACTGTTGAAAGCAGCGGTAAACC	8146





Db 693 -----gaaaaggataataactactaaactccctgtatcc 729 Db 152 GAACTTCTGCCAATAATCAGCACAGAGACAGTGATGACTGACCAATTCTTTGGAA 93  
 Qy 13117 AGATGCAAAAGTTTGTGCGGAAAGCC-AAAAAAGTGTGCTTCTATGAGAAATTATAA 1375 Qy 2164 ATCACCCGTTATTCAATCCAAGACAACTGCTGTGAT 2199  
 Db 730 AGATCCTAAATTCTGAGAAAGCAAAAGCCTACAGCTGTATGAGAACTCTAGA 789 Db 92 AACGTCTACTCAACCCAGGTAGCCCAAGT 57  
 Qy 1376 ATGCTAACCGAGTTGAGGATCTAGAGTCAAGTGCACG- -AGTTCATGTGAAATGCCGTG 1432 RESULT 9  
 Db 790 GTTCTGAACAGGTAGGGTTCTGAGATCCGGTCAACTGGACCATACTAACAGTGTG 849 US-10-425-115-128753/c  
 Qy 1433 ATCCCTGTGGGATCATAGAGTACATCCGGTCCGGATGGAGTAAGCTGGATATTC 1492 Sequence 128753; Application US/10425115  
 Db 850 ATCTCTGTGAGGGTAAAGAAAATGACCTTGAGTTGAAAGGTAATGACACTA 909 ; Publication No. US20040214272A1  
 Qy 1493 CTGTTAGGACCATACAGTGGAGAGATGGTAAATCAAGTAAGGAAAGCAAAAC 1552 ; GENERAL INFORMATION:  
 Db 910 CT----ATCAGGAGTGGAGAAATCCAGTCAAGGCTGAAAGCAAAAT 963 ; APPLICANT: La Rosa, Thomas J.  
 Qy 1553 GCAAATACTCTGTGATGTTGAGATGATCATCTATGAACTGGCTGAATGAA 1612 ; APPLICANT: Kovacic, David K.  
 Db 964 ACACAGGATGAGACAGTGTAGAATGAGTGGATGAACTGGCTCTCATGAA 1023 ; APPLICANT: Zhou, Yihua  
 Qy 1613 AGAAAGAACTGGAA 1627 ; APPLICANT: Cao, Yongwei  
 Db 1024 ATARGAACTTGTAGAA 1038 ; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With  
 ; OTHER INFORMATION: unsure at all n locations  
 ; FILE REFERENCE: 38-21(53222)B  
 ; CURRENT APPLICATION NUMBER: US/10/425, 115  
 ; CURRENT FILING DATE: 2003-04-28  
 ; NUMBER OF SEQ ID NOS: 369326  
 ; SEQ ID NO: 128753  
 ; LENGTH: 711  
 ; TYPE: DNA  
 ; ORGANISM: Zea mays  
 ; FEATURE:  
 ; NAME/KEY: unsure  
 ; LOCATION: (1)..(711)  
 ; OTHER INFORMATION: unsure at all n locations  
 ; FEATURE:  
 ; OTHER INFORMATION: Clone ID: MRT4577\_48894C\_1  
 ; US-10-425-115-128753  
 Query Match 2.0%; Score 79.6; DB 8; Length 711;  
 Best Local Similarity 55.3%; Pred. No. 1..1e-11;  
 Matches 198; Conservative 0; Mismatches 154; Indels 6; Gaps 2;  
 Qy 1629 TGGCATCACACAGTTGCTCATCAGCTGGAAATTGAGCAACAAAAAGTGACACCCAC 1688  
 Db 590 TATGCTCATGATTTCTACCCCTCAGTGGGGATGGGATGTTGACCAATGTACATCTAC 531  
 Qy 1689 TGGCAGTACTCAGCATGATGATGAAATGATACTGAAATGGTTGACACAAATATGCCA 1748  
 Db 530 TACCGTGCAGGATGGAATGAAATCAGAATGAAACTGGGAAATATGCCA 471  
 Qy 1749 TANGACAGATGTC--TGTCTAGGATGTATCAGAAATCTCCACACAGAGTGTCTCAA 1805  
 Db 470 GAACATGGATGGCTGTGAAATGAACTGAAACTGAACTGTCTCAA 411  
 Qy 1806 GGGAAAACAGGGCTTGTGAGTAGGGAAAACACATTGCTGTAGTCCAAATATGG 1865  
 Db 410 TGA AAAATCAACGATTGCTAAAGAGAAAGGTACTGCTACTGGTTGTC--CATGAA 354  
 ; OTHER INFORMATION: unsure at all n locations  
 ; FILE REFERENCE: 38-21(53222)B  
 ; CURRENT APPLICATION NUMBER: US/10/425, 115  
 ; CURRENT FILING DATE: 2003-04-28  
 ; NUMBER OF SEQ ID NOS: 369326  
 ; SEQ ID NO: 128754  
 ; LENGTH: 835  
 ; TYPE: DNA  
 ; ORGANISM: Zea mays  
 ; FEATURE:  
 ; NAME/KEY: unsure  
 ; LOCATION: (1)..(835)  
 ; OTHER INFORMATION: unsure at all n locations  
 ; FEATURE:  
 ; OTHER INFORMATION: Clone ID: MRT4577\_48895C\_1  
 ; US-10-425-115-128754  
 Query Match 2.5%; Score 98.8; DB 8; Length 835;  
 Best Local Similarity 62.7%; Pred. No. 2..8e-17;  
 Matches 173; Conservative 0; Mismatches 97; Indels 6; Gaps 1;  
 Qy 1924 CAGATGGAAACGGAAAACCTGTTCTGAGTCACTCGGGAAAGGTTCTCCAGCTGAGGAT 1983 RESULT 10  
 Db 326 CTGCTGTATAACAAATGTACCCATCTCGTTACACAGGTTCTCTGTAAAGAA 267 US-09-294-093B-2759  
 ; Sequence 2759; Application US/09294093B  
 ; Patent No. US20010051335A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ito, Laura, Y.  
 ; APPLICANT: Sherman, Bradley, K.  
 ; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM CORN TASSEL  
 ; FILE REFERENCE: PL-0009 US



PRIOR APPLICATION NUMBER: US 60/252,147  
 PRIOR FILING DATE: 2000-11-20  
 PRIOR APPLICATION NUMBER: US 60/250,092  
 PRIOR FILING DATE: 2000-11-30  
 PRIOR APPLICATION NUMBER: US 60/261,766  
 PRIOR FILING DATE: 2001-01-16  
 PRIOR APPLICATION NUMBER: US 60/289,846  
 PRIOR FILING DATE: 2001-05-09  
 NUMBER OF SEQ ID NOS: 957086  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO: 549665  
 LENGTH: 583  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-09-925-065A-549665

Query Match 1.1%; Score 44.2; DB 4; Length 583;  
 Best Local Similarity 44.8%; Pred. No. 0.23;  
 Matches 169; Conservative 0; Mismatches 208; Indels 0; Gaps 0;

QY 1516 GAGATGGTTAAATCAAGTAAAGACAAACGCAAATCTGATGTTGAT 1575  
 DB 79 GAAGAAGGAAAGGAAAGAAAAGAAACAAAGGAGAAAGAGAGAAA 138

QY 1516 GATGGATCATCACTTATGAACTGCTGATGGAAAGAAAGAACTGAGTGCAT 1645  
 DB 139 GAAAAGGAAAGGAAAGAAAATAAAGGAAATAAAGGAAAGGAAAGGAAA 198

QY 1636 CACACAGTTGCTCATCCAGCTGGAAATTGAGCAACCCACTGCGACT 1695  
 DB 199 GAAAGAAATAAACGAAAGGAGGAAACAAAGAAAGGAAAGAAA 258

QY 1576 GATGGATCATCACTTATGAACTGCTGATGGAAAGAAAGACTGGAAGTGTGCAT 1635  
 DB 139 GAAAAGGAAAGGAAATAAGGAAATAAAAGGAAATAAAAGGAAAGGAAA 138

QY 1696 ACTCAGCATGATGATGAAATGATACTGAAATGCTGACAAATATGATAAGACA 1755  
 DB 259 GAAAATAAGAAAGGAGGAAAGGAAAGGAAAGGAAAGGAAAGGAAAGGAA 318

QY 1756 GATGCTGTCAGCTGTATCAGAAATCTCCACAGAGTGTCTATCAAAGGCAAACA 1815  
 DB 319 GAAAAGGAAAGGAAAGGAAAGGAAAGGAAAGGAAAGGAAAGGAAAGGAAA 378

QY 1636 CACACAGTTGCTCATCCAGCTGGAAATTGAGCAACCCACTGCGACT 1695  
 DB 199 GAAAGAAATAAACGAAAGGAGGAAACAAAGAAAGGAAAGAAA 258

QY 1696 ACTCAGCATGATGATGAAATGATACTGAAATGCTGACAAATATGATAAGACA 1755  
 DB 259 GAAAATAAGAAAGGAGGAAAGGAAAGGAAAGGAAAGGAAAGGAAAGGAA 318

QY 1756 GATGCTGTCAGCTGTATCAGAAATCTCCACAGAGTGTCTATCAAAGGCAAACA 1815  
 DB 319 GAAAAGGAAAGGAAAGGAAAGGAAAGGAAAGGAAAGGAAAGGAAAGGAAA 378

QY 1816 GCGGGTTGAGTAAGGGAAAACACATTCAGCTGCTGATGACCAAAATATGGTGGTGAAGC 1875  
 DB 379 AGGAAGAAAGAAGGAAAGGAAAGAAATAATGAGGACCGAAAGAAAGGAAAGGAA 438

QY 1876 ACCGAAATGCTGAGA 1892  
 DB 439 AAAAGAAAGGAAAGAA 455

RESULT 15  
 US-09-925-065A-549663  
 Sequence 549663; Application US/09925065A  
 Publication No. US20050228172A9  
 GENERAL INFORMATION:  
 APPLICANT: Wang, David G.  
 TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome  
 FILE REFERENCE: 103827.135  
 CURRENT APPLICATION NUMBER: US/09/925,065A  
 PRIORITY APPLICATION NUMBER: US 60/243,096  
 PRIOR FILING DATE: 2000-10-24  
 PRIOR APPLICATION NUMBER: US 60/252,147  
 PRIOR FILING DATE: 2000-11-20  
 PRIOR APPLICATION NUMBER: US 60/250,092  
 PRIOR FILING DATE: 2000-11-30  
 PRIOR APPLICATION NUMBER: US 60/261,766  
 PRIOR FILING DATE: 2001-01-16  
 PRIOR APPLICATION NUMBER: US 60/289,846  
 PRIOR FILING DATE: 2001-05-09  
 NUMBER OF SEQ ID NOS: 957086  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO: 549665

Query Match 1.1%; Score 43.8; DB 4; Length 583;  
 Best Local Similarity 44.6%; Pred. No. 0.3;  
 Matches 168; Conservative 1; Mismatches 208; Indels 0; Gaps 0;

QY 1516 GAGATGGTTAAATCAAGTAAAGACAAACGCAAATCTGATGTTGAT 1575  
 DB 139 GAAAAGGAAAGGAAAGAAAAGAAACAAAGGAGAAAGAGAGAAA 198

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Db	79	GAAGGAGGAGGAAGAAAGAAAAAGAAAGAGGAGAAAGAGAGAAAGAAAAAAGAAAA	138
Qy	1576	GATGGATCATCACATCATGAACTGGCTGATGGAAAGAAAGAAACTGAACTGGCT	1635
Db	139	GAAGAAAGGGAGGAGAAATAAGGAATAATAAGGAATAAGGAATAAGGAAATAAGGA	198
Qy	1636	CACACAGTGGTCATCCAGCTGGGAATTGAGCAACAAAAAGTGACACCCACTGGAGT	1695
Db	199	GAAGAGAAATAAACCGAAGGGAGGAAACAAAGAAAGAAAGGAAGAGAA	258
Qy	1696	ACTCAGCATGATGATGAGAATGATGACTGAAATGGTCTGACACAAATGCTATAAGCA	1755
Db	259	AAAAATAAACAAACGAGGAAAGGAGGAAAGAATGAAAGAAAGGAAGGAAAGAA	318
Qy	1756	GATGTCGTGAGCATCTATCAGAAATCTCCACAGGGTGTCTATCAAGGGAAACAA	1815
Db	319	GAAGGAAGAAAGAAAGGAAAGGAAGAAAGAAAGAAATAATAATGAAGGGAAAGGA	378
Qy	1816	GCGGGTTTGAGTAAGGGAAACACATTCAAGCTGCTAGTACCAATATGGTGTGAAAGC	1875
Db	379	AGGAAAGAAAGAGGAAAGAAAGAAATAATGAGGAGGGAAAGAAAGGAAAGAAAT	438
Qy	1876	ACCAAGAAATGGTCAGAA	1892
Db	439	AAARGAAAGGAAGGA	455

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OM nucleic - nucleic search, using sw model

Run on: March 15, 2006, 04:18:23 ; Search time 1154 Seconds (without alignments)

6001.196 Million cell updates/sec

Title: US-09-828-068-1

Perfect score: 3896

Sequence: 1 cgggctgtcgaggcaaaacg . . . . . gtcacacccggaggaaattac 3896.

Scoring table: IDENTITY NUC Gapop 10.0 , Gapext 1.0

Searched: 1303057 seqs, 888780828 residues

Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0\$ Maximum Match 100\$ Listing first 45 summaries

Database : Issued Patents NA:\*

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3: /cgn2\_6/picodata/1/in/a/6\_COMB.seq:\*

4: /cgn2\_6/picodata/1/in/a/6B\_COMB.seq:\*

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8: /cgn2\_6/picodata/1/in/a/RE\_COMB.seq:\*

9: /cgn2\_6/picodata/1/in/a/backfile1.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
c 1	62.8	1.6	7218	2 US-08-232-463-14	Sequence 14, Appl
c 2	45.4	1.2	274	3 US-09-313-284A-959	Sequence 3959, Appl
c 3	45.4	1.2	1141	3 US-09-016-708B-22	Sequence 22, Appl
c 4	41.4	1.1	1269	3 US-09-0134-001C-197	Sequence 197, Appl
c 5	41.4	1.1	2848	3 US-09-710-279-3560	Sequence 3560, Appl
c 6	40.8	1.0	2167	2 US-08-074-186-40	Sequence 40, Appl
c 7	40.8	1.0	12982	3 US-09-0149-016-16597	Sequence 16597, Appl
c 8	40.6	1.0	297	3 US-09-134-001C-215	Sequence 215, Appl
c 9	40.6	1.0	5761	3 US-09-19-451-23	Sequence 19, Appl
c 10	40.4	1.0	686	3 US-09-16-310-9	Sequence 9, Appl
c 11	40.2	1.0	505	3 US-09-621-976-15639	Sequence 15639, Appl
c 12	39.8	1.0	13489	3 US-09-016-33921	Sequence 33921, Appl
c 13	39.8	1.0	601	3 US-09-0149-016-133049	Sequence 133049, Appl
c 14	39.8	1.0	1446	3 US-09-248-796A-6694	Sequence 6694, Appl
c 15	39.8	1.0	34068	3 US-09-19-016-15489	Sequence 15489, Appl
c 16	39.8	1.0	51711	3 US-09-0149-016-1559	Sequence 12559, Appl
c 17	39.6	1.0	3257	3 US-09-710-279-4067	Sequence 4067, Appl
c 18	39.6	1.0	13489	3 US-09-0149-016-15602	Sequence 15602, Appl
c 19	39	1.0	832	3 US-09-21-976-2813	Sequence 2813, Appl
c 20	38.8	1.0	1141	3 US-09-806-708B-22	Sequence 22, Appl
c 21	38.8	1.0	2311	3 US-09-65-479A-19	Sequence 479A-19, Appl
c 22	38.2	1.0	395	3 US-09-894-844-45	Sequence 45, Appl
c 23	38.2	1.0	19566	3 US-09-949-016-12096	Sequence 12096, Appl
c 24	38.2	1.0	19567	3 US-09-949-016-14114	Sequence 14114, Appl

## ALIGNMENTS

RESULT 1 US-08-232-463-14/C

; Sequence 14, Application US/08232463

; Patent No. 5670367

; GENERAL INFORMATION:

; APPLICANT: DORNER, F.

; APPLICANT: SCHREIFLINGER, F.

; APPLICANT: FALKNER, F. G.

; TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS

; NUMBER OF SEQUENCES: 52

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Foley & Lardner

; STREET: 1800 Diagonal Road, Suite 500

; CITY: Alexandria

; STATE: VA

; COUNTRY: USA

; ZIP: 22313-0299

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.1, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/232,463

FILING DATE: 26-AUG-1991

PRIOR APPLICATION DATA:

CLASSIFICATION: 435

APPLICATION NUMBER: US/07/935,313

FILING DATE:

APPLICATION NUMBER: EP 91 114 300.6

FILING DATE: 26-AUG-1991

ATTORNEY/AGENT INFORMATION:

NAME: BENT, Stephen A.

REGISTRATION NUMBER: 29,768

REFERENCE/DOCKET NUMBER: 30472/114 IMMU

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703) 836-9300

TELEFAX: 899149

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 7218 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

IMMEDIATE SOURCE:

CLONE: PTZSPt-F1s



Qy	944	TTCCCCGATTACATGGCACATAGAAGTAATGGCAGATCACCTCCACTCCAA	1003	Db	1238	ATCTAAATTAGAAAGAGACATCTGCTTA	1268
Db	551	RNWSMMRPTTRNNWMSGBVRMWRAGTWWRHNWNNNTDTRYWWKWRBTTTIVS	492				
Qy	1004	AACTTCTGAAAGTCCTCAAAAGAAATGAAATGAAATGAAATGAAATGAAAGAGACTC	1063				
Db	491	MCAKSMWGRGNVNRAMKWWAANNDAGMDHWYKCNMNRRAWMNNBKAACRJAY	432				
Qy	1064	TTGTTGCTGAGCATTGACCAAGATCTAACCAATGTCNGGAAGGAACGCTG	1123				
Db	431	CNNNNRACVWHRKHMWTRKTMWKAACNNNNBKAACNNNNBKAACNNNNBKAAC	372				
Qy	1124	ATCAGGTGTGCACTGAGCATTGACCAAGATCCAAACCAAGTGTGCGAGAAAT	1183				
Db	371	DWBWHWVYTDYTMRAWNNNNNNNWRBCKTTSNMWMMHMTNCTYGNNTWSAYBMAAM	312				
Qy	1184	GTGAGCAGATCTGCAATGAGCCATGTGAAGAAGTGTCTCAAAAGAGCTCAAATCTA	1243				
Db	311	SMWAGASMBVTINWCWNTYMGKTMNWNNNNKAWTTRKTVACWNRYYTDATAWTK	252				
Qy	1244	AGAGGAAGACGGATAAGAGTGTGATGAAAGAGCACAGCAAGAAACGCACTGCC	1303				
Db	251	RATKYCYABWYTBMYGKRMHWRBHSRSTNNWWTKCRNUYMSWYHAMYRBYKWA	192				
Qy	1304	AGGTGATGTTTCAAGATGAAAGCTTTCAGGAGTTCTAGAGTGTGAGGTTCTAT	1363				
Db	191	AVGNNNNKDRMAHHHWCATNNNNMMWTTAYMHMHKKGKAATWNTKATBRDDHBAHVKT	132				
Qy	1364	CAGAAATTATAATGCTAACCGGTTGAGGATTCTAGAGTGTGAGGTTCAT	1416				
Db	131	YWTWYDTCWCMWNATAKVRATAMKHMWYTDYRSANNTGVRMMMRWCNW	79				
RESULT 4							
Qy	US-09-134-001C-197	Sequence 197, Application US/09134001C					
	Patent No. 6380370	GENERAL INFORMATION:					
	APPLICANT: Lynn Doucette-Stamm et al	TITLE OF INVENTION: NUCLEAR ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS					
	FILE REFERENCE: GTC 007	TITLE OF INVENTION: EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS					
	CURRENT APPLICATION NUMBER: US/09/134, 001C	CURRENT FILING DATE: 1998-08-13					
	PRIOR APPLICATION NUMBER: US 60/064, 964	PRIOR FILING DATE: 1997-11-08					
	PRIOR FILING DATE: 1997-08-14	NUMBER OF SEQ ID NOS: 5574					
	LENGTH: 1269	TYPE: DNA					
	ORGANISM: <i>Staphylococcus epidermidis</i>						
	US-09-134-001C-197						
Qy	Query Match 1.18	Score 41.4; DB 3; Length 1269;					
	Best Local Similarity 49.8%	Pred. No. 0.1; Mismatches 0; Indels 0; Gaps 0;					
	Matches 105; Conservative 0;						
Qy	713	CTCCTAGACACATCATCTAACGGGAAAGCTGATGAACTCTCCAAAGAGTG	772				
Db	1058	CTATAAGCTAAAGCATGAACTGAAAGCAGGCCGTGGATCAAGTCAATTATAG	1117				
Qy	773	TGCAAGAAGGCCATGACTCCAAATGCAATGCGCCAAATTATGATGTGGCG	832				
Db	1961	AAAGAGCATTATTGAGCATGATGATGATGACCTCTTCCTGAAATGTAAGTAG	190				
Qy	833	CCATACTGATCACCATTGAAAGATTGCAAGGGCCAGCCAAATTATGATGTGGCG	892				
Db	1901	TGATTAATGCAAACTGAACTTAAATGAAAGAATTTGATGATGAAAGAA	184				
Qy	893	CAAATGTCTCTGAGGAGAACACTCTGTGTA	923				
Db	1841	ATCTAAATTAGAAAGACATCTGCTTA	1811				
RESULT 6							
	US-08-874-186-40	Sequence 40, Application US/08874186					
	Patent No. 5989885	GENERAL INFORMATION:					
	APPLICANT: Teng, David H.-F.	CORRESPONDENCE ADDRESS:					
	APPLICANT: Tavelgian, Sean V.	APPLICANT: Perry III, William L.					
	APPLICANT: Skolnick, Mark H.	APPLICANT: Skolnick, Mark H.					
	TITLE OF INVENTION: 4 (MKK4) IN HUMAN TUMOR CELL LINES IDENTIFY IT AS A	TITLE OF INVENTION: 4 (MKK4) IN HUMAN TUMOR CELL LINES IDENTIFY IT AS A					
	TITLE OF INVENTION: SUPPRESSOR IN VARIOUS TYPES OF CANCER	TITLE OF INVENTION: SUPPRESSOR IN VARIOUS TYPES OF CANCER					
	NUMBER OF SEQUENCES: 96	NUMBER OF SEQUENCES: 96					
	COUNTRY: U.S.A.	COUNTRY: U.S.A.					
	ZIP: 20005	ZIP: 20005					
	COMPUTER READABLE FORM:	COMPUTER READABLE FORM:					
	MEDIUM TYPE: Floppy disk	MEDIUM TYPE: Floppy disk					
	COMPUTER: IBM PC compatible	COMPUTER: IBM PC compatible					
	OPERATING SYSTEM: PC-DOS/MS-DOS	OPERATING SYSTEM: PC-DOS/MS-DOS					
	SOFTWARE: Patent In Release #1.30	SOFTWARE: Patent In Release #1.30					
	CURRENT APPLICATION DATA:	CURRENT APPLICATION DATA:					

APPLICATION NUMBER: US/08/874,186  
 FILING DATE: 08/08/2006  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/782,482  
 FILING DATE: 10-JAN-1997  
 ATTORNEY INFORMATION:  
 NAME: Saxe, Stephen A.  
 REGISTRATION NUMBER: 38,609  
 REFERENCE/DOCKET NUMBER: 248884-121392-01  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 202-962-4848  
 TELEFAX: 202-962-8300  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 2167 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: double  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 FEATURE:  
 NAME/KEY: intron  
 LOCATION: 1..247  
 FEATURE:  
 NAME/KEY: exon  
 LOCATION: 248..367  
 FEATURE:  
 NAME/KEY: intron  
 LOCATION: 368..2167  
 US-08-874-186-40

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 Best Local Similarity 54.7%; Pred. No. 0.23; Mismatches 0; Indels 0; Gaps 0;  
 Matches 81; Conservative 0; N mismatches 67; Indels 0; Gaps 0;

Qy 3610 TTTGTTTGGCACTCCAGAAACGTCCTCTGTACTCTGTACTCATCTAGT 3669  
 Db 171 TATTGTATTTCATTTAAGTAAAGGTGATTTAAGCTTAAAGAAATACGA 230

Query Match 1.0%; Score 40.8; DB 2; Length 2167;  
 Best Local Similarity 54.7%; Pred. No. 0.23; Mismatches 0; Indels 0; Gaps 0;  
 Matches 81; Conservative 0; N mismatches 67; Indels 0; Gaps 0;

Qy 3670 GCGCTGTGTTTGTAAAGGAAATGTAACCTTGTAAAATGCTCCCATTT 3729  
 Db 231 TATTGTATTTCATTTAAGGTGCACTGTGATCTGTACTCATCTGTTG 290

Qy 3730 GAAATTACATAAGGGGTTTATAGTGT 3757  
 Db 291 ATAAGTGTACAAATATGTATAGTGT 318

RESULT 7  
 US-09-949-016-16597  
 / Sequence 16597, Application US/09949016  
 / Patent No. 6812339  
 / GENERAL INFORMATION:  
 / APPLICANT: VENTER, J. Craig et al.  
 / TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF  
 / FILE REFERENCE: CLO01307  
 / CURRENT FILING DATE: 2000-04-14  
 / PRIOR APPLICATION NUMBER: 60/241,755  
 / PRIOR FILING DATE: 2000-10-20  
 / PRIOR APPLICATION NUMBER: 60/237,768  
 / PRIOR FILING DATE: 2000-10-03  
 / PRIOR APPLICATION NUMBER: 60/231,498  
 / NUMBER OF SEQ ID NOS: 207012  
 / SEQ ID NO: 16597  
 / SOFTWARE: FastSEQ for Windows Version 4.0  
 / LENGTH: 126382  
 / TYPE: DNA  
 / ORGANISM: Human

US-09-949-016-16597  
 / Sequence Match 1.0%; Score 40.8; DB 3; Length 126982;  
 / Best Local Similarity 54.7%; Pred. No. 4.8; Mismatches 0; Indels 0; Gaps 0;  
 / Matches 81; Conservative 0; N mismatches 67; Indels 0; Gaps 0;

Qy 3610 TTTGTTTGGCACTCCAGAAACGTCCTCTGTACTCTGTACTCATCTAGT 3669  
 Db 88856 TATTGTATTTCATTTAAGTAAAGGTGATTTAAGCTTAAAGTAAACGCA 88915

Qy 3670 GCGCTGTGTTTGTAAAGGAAATGTAACCTTGTAAAATGCTCCCATTT 3729  
 Db 88916 TATTGTATTTCATTTAAGGTGACTGTGATCTGTACTCATCTGTTG 88975

Qy 3730 GAAATTACATAAGGGGTTTATAGTGT 3757  
 Db 88976 ATAAGTGTACAAATATGTATAGTGT 89003

RESULT 8  
 US-09-134-001C-215/C  
 / Sequence 215, Application US/09134001C  
 / Patent No. 6380370  
 / GENERAL INFORMATION:  
 / APPLICANT: Lynn Doucette-Stamm et al.  
 / TITLE OF INVENTION: AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS  
 / FILE REFERENCE: GTC-007  
 / CURRENT APPLICATION NUMBER: US/09/134,001C  
 / PRIORITY APPLICATION NUMBER: US 60/064,964  
 / PRIOR FILING DATE: 1998-08-13  
 / PRIORITY NUMBER: US 60/064,964  
 / PRIORITY NUMBER: US 60/055,779  
 / PRIORITY FILING DATE: 1997-11-08  
 / NUMBER OF SEQ ID NOS: 5674  
 / LENGTH: 297  
 / TYPE: DNA  
 / ORGANISM: Staphylococcus epidermidis  
 US-09-134-001C-215

Query Match 1.0%; Score 40.6; DB 3; Length 297;  
 Best Local Similarity 49.8%; Pred. No. 0.061; Mismatches 0; Indels 0; Gaps 0;  
 Matches 103; Conservative 0; N mismatches 104; Indels 0; Gaps 0;

Qy 713 CTCCTAGACACAAATCATCTCAAGGAAAGATGGTGTATGATCATCACTCTCCAAAGAGCTG 772  
 Db 208 CTATTAAGTGTAAAGCAATGAACTTAAACAGGGCGCTGGATTACGGTCAATTATAG 149

Qy 773 TGCAGAAAGGCAATGACTCCTAAATGCAATGCGCTTCTGGCAAGAATGGAGCTGGTGAGG 832  
 Db 148 AAGAGCACTTAAATGACATCTGTGATGACTCTCTGAAATGTAGTAAGTAG 89

Qy 833 CCAATACTGATTACCAATGAAAGATTGCAAGGCCAAATTATGATGTGGCAG 892  
 Db 88 TCATTAAGTGTAAAGCAACAAATGAAATGAGAAATTGAGCTGAAAGGAA 29

Qy 893 CAAATGCTCTGGAGAACACCTTG 919  
 Db 28 ATCTAATTAAATGAGAACAGCATCTG 2

RESULT 9  
 US-09-799-451-23  
 / Sequence 23, Application US/09799451  
 / Patent No. 6783969  
 / GENERAL INFORMATION:  
 / APPLICANT: Tang, Y. Tom  
 / APPLICANT: Zhou, Ping  
 / APPLICANT: Goodrich, Ryle  
 / APPLICANT: Asundi, Vinod  
 / APPLICANT: Ren, Feiyan  
 / APPLICANT: Zhang, Jie







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GenCore version 5.1.7  
 Copyright (c) 1993 - 2006 Biocceleration Ltd.

OM nucleic - nucleic search, using sw model

Run on: March 15, 2006, 19:25:24 ; Search time 919 Seconds  
 (without alignments)

Title: US-09-828-068-1  
 Perfect score: 3896  
 Sequence: 1 cgggtctgtcgaggcaaacg .....gtcaaacacccggagaaattac 3896

Scoring table: IDENTITY NUC  
 Gapov 10.0 , Gapext 1.0

Searched: 8023312 seqs, 1165852854 residues

Total number of hits satisfying chosen parameters: 16046624

Minimum DB seq length: 0  
 Maximum DB seq length: 2000000000  
 Post-processing: Minimum Match 0%  
 Maximum Match 100%  
 Listing first 45 summaries

Database : Published Applications NA\_New:\*

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2: /cgn2\_6/ptodata/1/pubpna/US06 NEW PUB seq:\*

3: /cgn2\_6/ptodata/1/pubpna/US07 NEW PUB seq:\*

4: /cgn2\_6/ptodata/1/pubpna/PC7 NEW PUB seq:\*

5: /cgn2\_6/ptodata/1/pubpna/US05 NEW PUB seq:\*

6: /cgn2\_6/ptodata/1/pubpna/US05 NEW PUB seq:\*

7: /cgn2\_6/ptodata/1/pubpna/US10 NEW PUB seq:\*

8: /cgn2\_6/ptodata/1/pubpna/US10 NEW PUB seq:\*

9: /cgn2\_6/ptodata/1/pubpna/US11 NEW PUB seq:\*

10: /cgn2\_6/ptodata/1/pubpna/US11 NEW PUB seq:\*

11: /cgn2\_6/ptodata/1/pubpna/US11 NEW PUB seq:\*

12: /cgn2\_6/ptodata/1/pubpna/US11 NEW PUB seq:\*

13: /cgn2\_6/ptodata/1/pubpna/US06 NEW PUB seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description	Number of SEQ ID NOS:	Software: FastSEQ for Windows Version 4.0
1	45.4	1.2	583	6 US-09-925-065A-549666	Sequence 549666,	957086	SEQ ID NO 549666
c	2	44.6	1.1	3660 7 US-10-932-182A-2664	Sequence 2664, AP		LENGTH: 583
c	3	44.6	1.1	3660 7 US-10-932-182A-2664	Sequence 2664, AP		TYPE: DNA
c	4	44.2	1.1	583 6 US-09-925-065A-549665	Sequence 549665,		ORGANISM: Homo sapiens
	5	44.2	1.1	583 6 US-09-925-065A-549668	Sequence 549668,		US-09-925-065A-549666
	6	43.8	1.1	583 6 US-09-925-065A-549663	Sequence 549663,		Query Match
	7	43.8	1.1	583 6 US-09-925-065A-549664	Sequence 549664,	1.2%; Score 45.4; DB 6; Length 583;	Best local Similarity 44.8%; Pre. No. 0.12;
	8	43.8	1.1	583 6 US-09-925-065A-549667	Sequence 549667,	1; Mismatches 207; Indels 0; Gaps 0;	Matches 169; Conservative
c	9	41.8	1.1	610 6 US-09-925-065A-152158	Sequence 152158,		
c	10	41.4	1.1	610 6 US-09-925-065A-152157	Sequence 152157,		
c	11	41.4	1.1	2848 8 US-10-193-026-5560	Sequence 3561, AP		
c	12	40.8	1.0	279 7 US-10-932-182A-174387	Sequence 174387,		
c	13	40.8	1.0	279 7 US-10-932-182A-174387	Sequence 174387,		
c	14	40.2	1.0	563 6 US-09-925-065A-267071	Sequence 267071,		
c	15	40	1.0	634 6 US-09-925-065A-712529	Sequence 712529,		
	16	39.6	1.0	447 6 US-09-925-065A-243259	Sequence 243259,		
	17	39.6	1.0	3257 8 US-10-193-026-4067	Sequence 4067, AP		
c	18	39	1.0	169495 12 US-11-121-086-61	Sequence 61, Appl		
c	19	38.6	1.0	509 6 US-09-925-065A-524564	Sequence 524564, A		
	20	38.6	1.0	2100 9 US-11-096-568A-27904	Sequence 27904, A		



TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-925-065A-549665

Query Match 1.1%; Score 44.2; DB 6; Length 583;  
 Best Local Similarity 44.8%; Pred. No. 0.25%; Indels 0; Gaps 0;  
 Matches 169; Conservative 0; Mismatches 208; Indels 0; Gaps 0;

Qy 1516 GAAGATGGTTAAATCAAGTAAGACAACGCAAAACTCTGATGTTGAT 1575  
 Db 79 GAAGGAGGAAGGAAAGAAAGAAAGAAAGAGAAAGAGAAAGAGAA 138

Qy 1576 GATGGATCATCACTTATGAACTGCTGAAATGCAAAACGCAACTGCGCAT 1635  
 Db 139 GAAAAAGGGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAA 198

Qy 1636 CACACAGTTGCTCATCCAGCTGGGAAATTGAGCAACAAAAGTGCACCCACTGCGAGT 1695  
 Db 199 GAAAAGAAAATAAGGAAGAAAGAAAGAAAGAAAGAAAGAAAGAA 258

Qy 1696 ACTCAGCATGATGAGATGAGATGAGATGAGATGAGATGAGATGAGA 1755  
 Db 259 GAAAATAAGAAACAGAAAGGGAAAGGAAGAAAGAAAGAAAGAA 318

Qy 1756 GATGTCGTGTCAGCTGTGATCTGAAATCTCCACAGGTGTCATCAAGGGAAACA 1815  
 Db 319 GAAGGAAAGAAAGGAAAGGAAAGGAAAGGAAAGGAAAGGAAAGGAA 378

Qy 1816 GCGGGTTGAGTAAGGGAAAACACATTGAGTCCAAATATGTTGTAAGGC 1875  
 Db 379 AGGAAGAAAAGGAAAGGGAAAAGAAAATAATGAGGACGGAAAGAAAGAA 438

Qy 1876 ACCGAAATGAGGAGGGARGGGAGGAAAGGAAAGGAAAGGAAAGGAA 318

Db 439 AAAAGAAAGGAAAGAA 455

RESULT 6  
 US-09-925-065A-549663  
 ; Sequence 549663, Application US/09925065A  
 ; Publication No. US20040181048A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Wang, David G.  
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome  
 ; CURRENT APPLICATION NUMBER: US/09/925,065A  
 ; PRIORITY APPLICATION NUMBER: US 60/243,096  
 ; PRIORITY FILING DATE: 2000-10-24  
 ; PRIORITY APPLICATION NUMBER: US 60/252,147  
 ; PRIORITY FILING DATE: 2000-11-20  
 ; PRIORITY APPLICATION NUMBER: US 60/250,092  
 ; PRIORITY FILING DATE: 2000-11-30  
 ; PRIORITY APPLICATION NUMBER: US 60/261,766  
 ; PRIORITY FILING DATE: 2001-01-16  
 ; PRIORITY APPLICATION NUMBER: US 60/289,846  
 ; PRIORITY FILING DATE: 2001-05-09  
 ; NUMBER OF SEQ ID NOS: 95/086  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO: 549663  
 ; LENGTH: 583  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-925-065A-549663

Query Match 1.1%; Score 43.8; DB 6; Length 583;  
 Best Local Similarity 44.6%; Pred. No. 0.32%; Indels 0; Gaps 0;

Qy 1516 GAAGATGGTTAAATCAAGTAAGACAACGCAAAACTCTGATGTTGAT 1575  
 Db 79 GAAGGAGGAAGGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAA 138

Qy 1576 GATGGATCATCACTTATGAACTGCTGAAATGCAAAACGCAACTGCGAGT 1635  
 Db 139 GAAGGAGGAAGGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAA 198

Qy 1636 CACACAGTTGCTCATCCAGCTGGAAATTGAGCAACAAAAGTGCACCCACTGCGAGT 1695  
 Db 199 GAAGGAAAGGAAAGGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAA 258

Qy 1696 ACTCAGCATGATGAGATGAGATGAGATGAGATGAGATGAGA 1755  
 Db 259 GAAGGAAAGGAAAGGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAA 318

Qy 1756 GATGTCGTGTCAGCTGTGATCTGAAATCTCCACAGGTGTCATCAAGGGAAACA 1815  
 Db 319 GAAGGAAAGAAAGGAAAGGAAAGGAAAGGAAAGGAAAGGAAAGGAA 378

Qy 1816 GCGGGTTGAGTAAGGGAAAACACATTGAGTCCAAATATGTTGTAAGGC 1875  
 Db 379 AGGAAGAAAAGGAAAGGGAAAAGAAAATAATGAGGACGGAAAGAAAGAA 438

Qy 1876 ACCGAAATGAGGAGGGARGGGAGGAAAGGAAAGGAAAGGAAAGGAA 318

Db 439 AAAAGAAAGGAAAGAA 455

RESULT 6  
 US-09-925-065A-549663  
 ; Sequence 549663, Application US/09925065A  
 ; Publication No. US20040181048A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Wang, David G.  
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome  
 ; CURRENT APPLICATION NUMBER: US/09/925,065A  
 ; PRIORITY APPLICATION NUMBER: US 60/243,096  
 ; PRIORITY FILING DATE: 2000-10-24  
 ; PRIORITY APPLICATION NUMBER: US 60/252,147  
 ; PRIORITY FILING DATE: 2000-11-20  
 ; PRIORITY APPLICATION NUMBER: US 60/250,092  
 ; PRIORITY FILING DATE: 2000-11-30  
 ; PRIORITY APPLICATION NUMBER: US 60/261,766  
 ; PRIORITY FILING DATE: 2001-01-16  
 ; PRIORITY APPLICATION NUMBER: US 60/289,846  
 ; PRIORITY FILING DATE: 2001-05-09  
 ; NUMBER OF SEQ ID NOS: 95/086  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO: 549663  
 ; LENGTH: 583  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-925-065A-549663

Query Match 1.1%; Score 43.8; DB 6; Length 583;  
 Best Local Similarity 44.6%; Pred. No. 0.32%; Indels 0; Gaps 0;

Qy 1516 GAAGATGGTTAAATCAAGTAAGACAACGCAAAACTCTGATGTTGAT 1575  
 Db 79 GAAGGAGGAAGGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAA 138

Qy 1576 GATGGATCATCACTTATGAACTGCTGAAATGCAAAACGCAACTGCGAGT 1635  
 Db 139 GAAGGAGGAAGGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAA 198

Qy 1636 CACACAGTTGCTCATCCAGCTGGAAATTGAGCAACAAAAGTGCACCCACTGCGAGT 1695  
 Db 199 GAAGGAAAGGAAAGGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAA 258

Qy 1696 ACTCAGCATGATGAGATGAGATGAGATGAGATGAGA 1755  
 Db 259 GAAGGAAAGGAAAGGAAAGAAAGAAAGAAAGAAAGAAAGAAAGAA 318

259 GAAAAATAAGAACRAAGGAGGGAGGAAGAAAGAAATGAAAGAAAGGAAGAA 318  
 Db 439 AAAAGAAAGAGAAAGAA 455

1756 GATGTCCTGCTAGCTGTATGAAATCTCCACAGGGCTCATCAAGGGAAACA 1815  
 Qy 319 GAAGGAAAGAAAGAAAAGGAAAGAAAGAAAGAAAGAAATGAGGGGAGGA 378

RESULT 8  
 US-09-925-065A-549667  
 ; Sequence 549667, Application US/09925065A  
 ; Publication No. US20040181048A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Wang, David G.  
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome  
 ; FILE REFERENCE: 108827.135  
 ; CURRENT APPLICATION NUMBER: US/09/925, 065A  
 ; CURRENT FILING DATE: 2001-08-08  
 ; PRIORITY APPLICATION NUMBER: US 60/243, 096  
 ; PRIORITY FILING DATE: 2000-10-24  
 ; PRIORITY APPLICATION NUMBER: US 60/252, 147  
 ; PRIORITY FILING DATE: 2000-11-20  
 ; PRIORITY APPLICATION NUMBER: US 60/250, 092  
 ; PRIORITY FILING DATE: 2000-11-30  
 ; PRIORITY APPLICATION NUMBER: US 60/261, 766  
 ; PRIORITY FILING DATE: 2001-01-16  
 ; PRIORITY APPLICATION NUMBER: US 60/289, 846  
 ; PRIORITY FILING DATE: 2001-05-09  
 ; NUMBER OF SEQ ID NOS: 957086  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO: 549667  
 ; LENGTH: 583  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-925-065A-549667

Query Match 1.1%; Score 43.8; DB 6; Length 583;  
 Best Local Similarity 44.6%; Pred. No. 0; Gaps 0;  
 Matches 168; Conservative 1; Mismatches 208; Indels 0; Gaps 0;

Qy 1516 GAAGATGGGTTAAATCAAGTAAGAACAGAACAAACGCAAAATCTGTGTTGATAGT 1575  
 Db 79 GAAGGAGGAGGAAGAAAGAAAGAAAGAGGAGAAAGAGAGAA 138

Qy 1576 GATGGATCATCATTTATGAACTGGTGAATGGAAAGAACACTGGAAAGTGCAT 1635  
 Db 139 GAAAAAAAGGGAGGAGAAATAAAGGAATAAAGGAAGGGAAAATGGAAA 198

Query Match 1.1%; Score 43.8; DB 6; Length 583;  
 Best Local Similarity 44.6%; Pred. No. 0; Gaps 0;  
 Matches 168; Conservative 1; Mismatches 208; Indels 0; Gaps 0;

Qy 1516 GAAGATGGTAAATCAAGTAAGAACAGAACAAACGCAAAATCTGTGTTGATAGT 1575  
 Db 79 GAAGGAGGAGGAAGAAAGAAAGAGGAGAAAGAGAGAA 138

Qy 1576 GATGGATCATCATTTATGAACTGGTGAATGGAAAGAACACTGGAAAGTGCAT 1635  
 Db 139 GAAAAAAAGGGAGGAGAAATAAAGGAATAAAGGAAGGGAAAATGGAAA 198

Qy 1636 CACAGCTGTTGCTCATCAGTTGGATTGAGCACAAAAAGTGCACCCACTGGAGT 1695  
 Db 199 GAAAGGAAATAAAGGAAGGAGAAAGAGGAAAGAAAGGAAAGGAA 258

Qy 1696 ACTCAGCATGATGATGAAATGATGAAATGGCTCTTGCACAAATATGCATAGACA 1755  
 Db 259 GAAAATAAGAACAAAGGGAGGGAGGAAGAAAGAGAA 318

Qy 1756 GATGTCCTGCTAGCTGTATGAAATCTCCACAGGGCTCATCAAGGGAAACA 1815  
 Db 379 AGGAAGAAAGGGAAAGAAAGAAATAATGAGGGAAAGAGGAAAGGAA 438

Qy 1816 GGGGTTTGTAGTAAAGGAAACATTCAGGTTGCTTGTACATGAAAGGAAAGGC 1875  
 Db 439 AAAAGAAAGAGAAAGAA 455

RESULT 9  
 US-09-925-065A-152158/c  
 ; Sequence 152158, Application US/09925065A  
 ; Publication No. US20040181048A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Wang, David G.  
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome

i TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome  
 i FILE REFERENCE: 108827.135  
 i CURRENT APPLICATION NUMBER: US/09/925,065A  
 i PRIOR FILING DATE: 2001-08-08  
 i PRIOR APPLICATION NUMBER: US 60/243,096  
 i PRIOR FILING DATE: 2000-10-24  
 i PRIOR APPLICATION NUMBER: US 60/252,147  
 i PRIOR FILING DATE: 2000-11-20  
 i PRIOR APPLICATION NUMBER: US 60/250,092  
 i PRIOR FILING DATE: 2000-11-30  
 i PRIOR APPLICATION NUMBER: US 60/261,766  
 i PRIOR FILING DATE: 2001-01-16  
 i PRIOR APPLICATION NUMBER: US 60/289,846  
 i PRIOR FILING DATE: 2001-05-09  
 i NUMBER OF SEQ ID NOS: 957086  
 i SOFTWARE: FastSEQ for Windows Version 4.0  
 i SEQ ID NO: 152158  
 i LENGTH: 610  
 i TYPE: DNA  
 i ORGANISM: Homo sapiens  
 US-09-925-065A-152158

Query Match 1.1%; Score 41.8; DB 6; Length 610;  
 Best Local Similarity 49.3%; Pred. No. 1.1;  
 Matches 109; Conservative 0; Mismatches 112; Indels 0; Gaps 0;

.Qy 962 ACATAGAAGTAATGGCAGATCAACCTCCACTAAAACCTTCGAAACTGGTC 1021  
 .Db 414 ACATCAATAATTAAGCTCCAGTGGTCTTCTTGTGACTGGTAGTGGTC 355  
 .Qy 1022 TCAAAGAAATGAAACATGAAATCTGAGGAACTCTGTTGCTGAGGTGCA 1081  
 .Db 354 TGAATCAAGGTGATTAGACATAGCAATGAGATGAGATGTTAACTCGAAA 295  
 .Qy 1082 ATTGACCAAGATCTTACCAATGTCCTGGAAGGAACTGTGATGAGCTGAGT 1141  
 .Db 294 GAGTGCTTATGACACATGGTGAATGGTGAATGGTGTATTGAAAGTACACT 235  
 .Qy 1142 GCAATTGACCAAGATCCGAAACCATGTCCTGGCCAGAA 1182  
 .Db 234 GTGCATTACATAACAAAACAGGAAACTGTGTCAGTTATAAA 194

RESULT 10  
 US-09-925-065A-152157/C  
 Sequence 152157, Application US/09925065A  
 i Publication No. US20040181048A1  
 i GENERAL INFORMATION:  
 i APPLICANT: Wang, David G.  
 i TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome  
 i FILE REFERENCE: 108827.135  
 i CURRENT APPLICATION NUMBER: US/09/925,065A  
 i PRIOR FILING DATE: 2001-08-08  
 i PRIOR APPLICATION NUMBER: US 60/243,096  
 i PRIOR FILING DATE: 2000-10-24  
 i PRIOR APPLICATION NUMBER: US 60/252,147  
 i PRIOR FILING DATE: 2000-11-20  
 i PRIOR APPLICATION NUMBER: US 60/250,092  
 i PRIOR FILING DATE: 2000-11-30  
 i PRIOR APPLICATION NUMBER: US 60/261,766  
 i PRIOR FILING DATE: 2001-01-16  
 i NUMBER OF SEQ ID NOS: 957086  
 i SOFTWARE: FastSEQ for Windows Version 4.0  
 i SEQ ID NO: 152157  
 i LENGTH: 610  
 i TYPE: DNA  
 i ORGANISM: Homo sapiens  
 US-09-925-065A-152157

Query Match 1.1%; Score 41.4; DB 6; Length 610;

Best Local Similarity 48.9%; Pred. No. 1.4;  
 Matches 108; Conservative 1; Mismatches 112; Indels 0; Gaps 0;  
 .Qy 962 ACATAGAAGTAATGGCAGATCAACCTCCACTAAAACCTTCGAAACTGGTC 1021  
 .Db 414 ACATCAATAATTAAGCTCCAGTGGTCTTCTTGTGACTGGTAGTGGTC 355  
 .Qy 1022 TCAAAGAAATGAAACATGAAATCTGAGGAACTCTGTTGCTGAGGTGCA 1081  
 .Db 354 TGAATCAAGGTGATTAGACATAGCAATGAGATGAGATGTTAACTCGAAA 295  
 .Qy 1082 ATTGACCAAGATCTTACCAATGTCCTGGAAGGAACTGTGATGAGCTGAGT 1141  
 .Db 294 GAGTGCTTATGACACATGGTGAATGGTGAATGGTGTATTGAAAGTACACT 235  
 .Qy 1142 GCAATTGACCAAGATCCGAAACCATGTCCTGGCCAGAA 1182  
 .Db 234 GTGCATTACATAACAAAACAGGAAACTGTGTCAGTTATAAA 194

RESULT 11  
 US-10-793-626-3560/C  
 Sequence 3560, Application US/10793626  
 i Publication No. US2005025478A1  
 i GENERAL INFORMATION:  
 i APPLICANT: KIMMELLY, WILLIAM JOHN  
 i TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS  
 i FILE REFERENCE: PU3480US  
 i CURRENT APPLICATION NUMBER: US/10/793,626  
 i PRIORITY APPLICATION NUMBER: 2004-03-04  
 i PRIORITY FILING DATE: 60/164,258  
 i PRIORITY FILING DATE: 1999-11-09  
 i NUMBER OF SEQ ID NOS: 4472  
 i SEQ ID NO: 3560  
 i LENGTH: 2848  
 i TYPE: DNA  
 i ORGANISM: Artificial Sequence  
 i FEATURE:  
 i OTHER INFORMATION: Description of Artificial Sequence: synthetic  
 i OTHER INFORMATION: nucleic acid sequence  
 US-10-793-626-3560

Query Match 1.1%; Score 41.4; DB 8; Length 2848;  
 Best Local Similarity 49.8%; Pred. No. 3.2;  
 Matches 105; Conservative 0; Mismatches 106; Indels 0; Gaps 0;

.Qy 713 CTCTAGACACATCATCTCAAGGGAGAACTGGTATGATCACTCTTCCAAGAGTC 772  
 .Db 2021 CTATAGTGAATTAAGCAATCGAACGTTAAACAGGAGCGCTGGATTAGTTATAG 1962  
 .Qy 773 TGCAGAAAGCGCAATGACTCTCAATGCAATTGCAATGCGCTTCCTGGCAAGAATGCTGAGC 832  
 .Db 1961 AAGGAGCTTAATGACATGTATGATGTTAGTAAGTAGT 1902  
 .Qy 833 CCATACATGATTCACCAATGAAAGATTGCAAGGCCAGCCAAAATTATGATGTTAGGGCAG 892  
 .Db 1901 TCATTACTGAAACAAACAAATTAATGAAAGATTGCAAGGCCAGCCAAAATTATGATGATGAAAGGAA 1842  
 .Qy 893 CAATGTCTGAGGAGACACACTCTGTG 923  
 .Db 1841 ATCTAATTAATGAAACAGACATCTGCTTA 1811

RESULT 12  
 US-10-932-182A-174387/C  
 Sequence 174387, Application US/10932182A  
 i Publication No. US2006016253A1  
 i GENERAL INFORMATION:  
 i APPLICANT: NAKAO, YOSHIMI  
 i APPLICANT: NAKAMURA, NORIHISA  
 i APPLICANT: KODAMA, YUKIKO  
 i APPLICANT: FUJIMURA, TOROKO

APPLICANT: ASHIKARI, TOSHIHIKO  
 TITLE OF INVENTION: METHODS FOR ANALYZING GENES OF INDUSTRIAL YEASTS  
 FILE REFERENCE: 03685\_043  
 CURRENT APPLICATION NUMBER: US/10/932,182A  
 CURRENT FILING DATE: 2004-09-02  
 NUMBER OF SEQ ID NOS: 197023  
 SOFTWARE: PatentIn version 3.3  
 SEQ ID NO: 174387  
 LENGTH: 279  
 TYPE: DNA  
 ORGANISM: *Saccharomyces pastorianus*

RESULT 13  
 US-10-932-182A-174387/c  
 Query Match 1.0%; Score 40.8; DB 7; Length 279;  
 Best Local Similarity 47.6%; Pred. No. 1.4;  
 Matches 120; Conservative 0; Mismatches 132; Indels 0; Gaps 0;  
 SEQ ID NO: 174387  
 LENGTH: 279  
 TYPE: DNA  
 ORGANISM: *Saccharomyces pastorianus*

RESULT 14  
 US-09-925-065A-260701/c  
 Sequence 260701, Application US/09925065A  
 Publication No. US20040181048A1  
 GENERAL INFORMATION:  
 APPLICANT: Wang, David G.  
 TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome  
 FILE REFERENCE: 108827.135  
 CURRENT APPLICATION NUMBER: US/09/925,065A  
 CURRENT FILING DATE: 2001-08-08  
 PRIOR APPLICATION NUMBER: US 60/243,096  
 PRIOR FILING DATE: 2000-10-24  
 PRIOR APPLICATION NUMBER: US 60/252,147  
 PRIOR FILING DATE: 2000-11-20  
 PRIOR APPLICATION NUMBER: US 60/250,092  
 PRIOR FILING DATE: 2000-11-30  
 PRIOR APPLICATION NUMBER: US 60/261,766  
 PRIOR FILING DATE: 2001-01-16  
 PRIOR APPLICATION NUMBER: US 60/289,846  
 PRIOR FILING DATE: 2001-05-09  
 NUMBER OF SEQ ID NOS: 957086  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO: 260701  
 LENGTH: 563  
 TYPE: DNA  
 ORGANISM: *Homo sapiens*

US-09-925-065A-260701

Query Match 1.0%; Score 40.2; DB 6; Length 563;  
 Best Local Similarity 48.9%; Pred. No. 2.9;  
 Matches 108; Conservative 0; Mismatches 113; Indels 0; Gaps 0;  
 SEQ ID NO: 174387  
 LENGTH: 279  
 TYPE: DNA  
 ORGANISM: *Saccharomyces pastorianus*

RESULT 15  
 US-09-925-065A-712529  
 Sequence 712529, Application US/09925065A  
 Publication No. US20040181048A1  
 GENERAL INFORMATION:  
 APPLICANT: Wang, David G.  
 TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome  
 FILE REFERENCE: 108827.135  
 CURRENT APPLICATION NUMBER: US/09/925,065A  
 CURRENT FILING DATE: 2001-08-08

1 PRIORITY APPLICATION NUMBER: US 60/243,096  
1 PRIORITY FILING DATE: 2000-10-24  
1 PRIORITY APPLICATION NUMBER: US 60/252,147  
1 PRIORITY FILING DATE: 2000-11-20  
1 PRIORITY APPLICATION NUMBER: US 60/250,092  
1 PRIORITY FILING DATE: 2000-11-30  
1 PRIORITY APPLICATION NUMBER: US 60/261,766  
1 PRIORITY FILING DATE: 2001-01-16  
1 PRIORITY APPLICATION NUMBER: US 60/289,846  
1 PRIORITY FILING DATE: 2001-05-09  
1 NUMBER OF SEQ ID NOS: 957086  
1 SOFTWARE: FastSEQ for Windows Version 4.0  
1 SEQ ID NO: 712529  
1 LENGTH: 634  
1 TYPE: DNA  
1 ORGANISM: Homo sapiens  
US-09-925-065A-712529

Query Match 1.0%; Score 40; DB 6; Length 634;  
Best Local Similarity 54.9%; Pred. No. 3.5;  
Matches 79; Conservative 0; Mismatches 65; Indels 0; Gaps 0;  
Qy 1149 GACCAAGATCCAAACAGCTCTGGCAGAAATGAGAGATCTGCATGAGCCATG 1208  
Db 1.96 GAGGGAGAAGGAACGAAAGGACGGAAAGGACGGAGGGAGAGGAGAAAA 255  
Qy 1209 TGAAGAGTTGGTCTCAAAGAGCTCAAATCTAAGAGGAAGCGATAGAAAGTTGAT 1268  
Db 256 AGAAGAAGAAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAA 315  
Qy 1269 GAGAACAGCAGGAGCACGCCAGAA 1292  
Db 316 GAGAGAGAGAGAGAGAGAGAA 339

Search completed: March 15, 2006, 19:40:57  
Job time: 921 secs

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